

AKSENOVA, L.P.; KULAKOV, I.N.

M.A.Arstanov's system for a barometer-type altimeter.. Trudy
SNIIGGIMS no.14:213-223 '61. (MIRA 15:8)
(Altimeter)

AKSENOVA, M.A., inzh. (st. Debal'tsevo, Donetskoy dorogi)

Progressive track gang foreman. Put' i put. khoz. 5 no. 1:35 Ja
'61. (MIRA 14:5)
(Railroads--Employees)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9

KISELEV, A.D.; AKSENOVA, N.A.; KUTSENKO, I.I.

Phosphorylation of cellulose with dialkylphosphinyl chlorides.
Zhur.prikl.khim. 38 no.6:1355-1360 Je '65. (MIRA 1810)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9"

AKSENOVA, N.P.

Veterinary workers of Moscow Province strive for the right to participate in the All-Union Agricultural Exhibition. Veterinariia 32 no.4:19-21 Ap '55. (MIRA 8:5)

1. Ispelnyayushchiy obyazannosti nachal'nika Veterinarnego upravleniya Moskovskogo oblastnogo upravleniya sel'skogo khozyaystva.
(MOSCOW PROVINCE--VETERINARY MEDICINE)

AKSENOVA, N.F.

Veterinary services in Moscow Province during the first year of the sixth five-year plan. Veterinariia 34 no.4:24-28 Ap '57. (MIRA 10:4)

1. Nachal'nik Veterinarnogo otdela Moskovskogo oblastnogo upravleniya sel'skogo khozyaystva.
(Moscow Province—Veterinary medicine)

AKSENOVA, N. F.

AKSENOVA, N.F.

Using antibiotics on Moscow Province collective farms. Veterinariia
34 no.7:67-68 Jl '57. (MLRA 10:8)

Nachalnik veterinarnogo otdela Moskovskogo oblastnogo
upravleniya sel'skogo khozyaystva.
(Antibiotics) (Moscow Province--Veterinary medicine)

AKSENOVA, N.F.; MASLENNIKOV, F.V.; GAVRILOVA, O.A., starshiy nauchnyy sotrudnik

Results of use of feed antibiotics. Veterinariia 36 no.12:54-55
D '59. (MIRA 13:3)

1.Nachal'nik veterinarnogo otdela Obsel'khozupravleniya Moskovskaya
oblast' (for Aksanova). 2.Direktor oblastnoy vетбаклаборатории,
Moskovskaya oblast' (for Maslennikov) 3.Vsesoyuznyy nauchno-issledovatel'-
skiy institut zhivotnovodstva (for Gavrilova).
(Antibiotics)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9

AKSENOVA, N.G., pochetnyy shakhtera.

In the oldest Ural Mountains mine. Mast. ugl. 6 no. 7:20-23 Jl '57.
(Kizel Basin--Coal mines and mining) (MLRA 10:9)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9"

AKSENOVA, N.E.

USSR

✓ Rapid method of evolution of hydrogen cyanide from
trapped cyanides and its use for mechanized fumigation. N.
I. Aksenova, L. I. Shpektorov, and R. Ya. Kipiani. Sov.
obnovleniye 1954, No. 3, 12-15; Referat. Zbir. Khim.
1954, No. 43596.—An app. for generating HCN and fumigat-
ing plants, particularly tea bushes, is described.
M. Hersh

AG

(2)

AKSENOVA, N. I.

AKSENOVA, N.I., inzhener; MGEBRISHVILI, Sh.G., inzhener.

Tests of the FChN-2 fumigating machine. Sel'khozmashina no.7:
15-17 Jl '54. (MLRA 7:?)

1. GSKB po chayu
(Fumigation) (Spraying and dusting equipment) (Tea--
Diseases and pests)

IVANOV, I.I.; AKSENOVA, N.N. (Khor'kova); SUVOROVA, L.V.

Effect of irradiation on the structural viscosity of desoxyribonucleic acid of the rat liver in ontogenesis. Biokhimia 25 no.5: 865-872 S-0 '60. (MIRA 14:1)

1. Chair of Biochemistry and Chair of Histology, Pediatric Medical Institute, Leningrad.
(LIVER) (DESOXYRIBONUCLEIC ACID metabolism)
(X RAYS--PHYSIOLOGICAL EFFECT)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9

AKSENOVA, N.N.; BRESLER, V.M.; SURIKOV, I.M.; FEL', V.Ya.

Joint scientific session on problems of the biological principles
of malignant growth. TSitologija 4 no.3:370-373 My-Je '62.
(MIRA 16:3)
(CANCER RESEARCH)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9"

S/672/62/000/011/011/011
D403/D307

AUTHORS: Khudominskaya, L. S. and Aksenova, N. N.

TITLE: Determination of phenols in petroleum lubricating oils
by ultraviolet spectroscopy

SOURCE: Leningrad. Vsesoyuznyy nauchno-issledovatel'skiy institut pererabotki i ispol'zovaniya topliva. Trudy. no. 11,
1962. Khimiya i tekhnologiya topliva i produktov yego pererabotki, 304-313

TEXT: The present work was motivated by the unwanted presence of phenols introduced during the purification of lubricating oils with selective solvents. The study was carried out photographically on the NC-22 (ISP-22) spectrograph, with an MФ-2 (MF-2) microphotometer, using a hydrogen tube as a source and a slit width of 0.25 mm, on the following materials: transformer oils (with and without additives), industrial NC-1d (IS-12), IS-20 and IS-45 oils, turbine YT (UT) oil, and aviation MC-20 (MS-20) oil. Specific absorption coefficients were determined for PhOH, and o-, m-, and p-

Card 1/2

Determination of phenols ...

S/672/62/000/011/011/011
D403/D307

cresols, at 2900 Å, in 0.4% aq. NaOH. The oils were mixed with phenol and the cresols in known proportions, and were extracted with alkali; uv absorption spectra of the extracts were then photographed and optical densities at 2900 Å were determined. Linear optical density/phenol concentration curves were prepared, for 10 - 150 mg phenols/l, which allow estimations with a relative error of $\pm 3\%$. Although such a curve should be prepared for each oil, an averaged calibration curve may be used which allows approximate estimations of the phenol content with an error not exceeding $\pm 13\%$. There are 6 figures and 6 tables.

Card 2/2

FRISMAN, E.V.; YANOVSKAYA, N.K.; SHCHAGINA, L.V.; VOROB'YEVA, V.I.;
AKSENOVA, N.N.

Dynamic double refraction of the solution of high-molecular ribo-
nucleic acid. TSitologija 4 no.3:323-325 My-Je '62.

(MIRA 16:3)

1. Laboratoriya fiziki polimerov Fizicheskogo instituta Leningrad-
skogo universiteta i Laboratoriya tsitologii zlokhachestvennogo
rosta Instituta tsitologii AN SSSR, Leningrad.

(NUCLEIC ACIDS) (REFRACTION, DOUBLE)

PRISMAN, E. V., VOROBIEV, V. I., SHCHAGINA, L. V., YANOVSKAYA, N. K. and
AKSENOVA, N. N.

"Dynamic Double Refraction of Nucleic Acid Solutions." pp. 79

Physics Institute of the Leningrad State University, Laboratory of
Cytology of Malignant Growth, and Institute of Cytology of the Academy
of Sciences USSR

II Nauchnaya Konferentsiya Institutologii AN SSSR. Tesisy Dokladov (Second
Scientific Conference of the Institute of Cytology of the Academy of Sciences
USSR, Abstracts of Reports), Leningrad, 1962, 88 pp.

JPRS 20,634

AKSENOVA, N.N.; BRESLER, V.M.; VOROB'YEV, V.I.; OLENOV, Yu.M.

Effect of ribonucleic acids isolated from the liver on the transplantability and growth of transplanted tumors. TSitologija 5 no.5:490-498 S-0 '62. (MIRA 18:5)

1. Laboratoriya tsitologii zlokapchestvennogo rosta Instituta tsitologii AN SSSR, Leningrad.

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9

KHUDOMINSKAYA, L. S.; AKSENOVA, N. N.

Determining the phenols in petroleum lubricant oils by ultraviolet
spectroscopy. Trudy VNIIT no. 11:304-313 '62. (MIRA 17:5)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9"

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9

KHUDOMINSKAYA, L.S.; AKSENOVA, N.N.; RADOMYSL'SKAYA, T.M.;
MARCHUKOVA, A.A.

Quantitative determination of sodium and potassium in the
ash of shales and peat using flame photometry. Trudy VNIIT
no.12:205-212 '63. (MIRA 18:11)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9"

AKSENOVA, N.N.; VOROB'YEV, V.I.; KUSHNER, V.P.

Heat denaturation of the DNA from the liver and from liver
cancer in rats. Biokhimiia 29 no. 1:161-168 Ja-F '64.
(MIRA 18:12)

I. Institut tsitologii AN SSSR, Leningrad. Submitted July 8,
1963.

AKSENOVA, N.P.

Effect of 2,4-dinitrophenol on the oxygen absorption by leaves of
Xanthium pensylvanicum and Rudbeckia bicolor in daylight and at
night. Dokl. AN SSSR 162 no.5:1194-1197 Ja '65. (MIRA 18:7)

1. Submitted July 30, 1964.

CHAYLAKHYAN, M.Kh.; AKSENOVA, N.P.

Relation between photoperiodism and respiration in plants. Fiziol.
rast. 6 no.6:699-708 N-D '59. (MIRA 13:4)

1. K.A.Timiriazev Institut of Plant Physiology, U.S.S.R. Academy
of Sciences, Moscow. (Photoperiodism) (Plants--Respiration)

AKSENOVA, N.P.

Effect of the length of the day on the activity of glycolysis and the
tricarboxylic acid cycle. Fiziol.rast. 8 no.3:338-344 '61.
(MIRA 14:5)

1. Institut fiziologii rasteniy im. K.A.Timiryazeva Akademii
nauk SSSR, Moskva.
(Photoperiodism) (Plants--Respiration)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9

AKSENOVA, N.P.

Effect of the length of day on the oxidase activity in plants
[with summary in English]. Fiziol. rast. 10 no.2:166-177
Mr-Ap '63. (MIRA 16:5)

I. K.A. Timiriazev Institute of Plant Physiology, U.S.S.R.
Academy of Sciences, Moscow.
(Oxidase) (Photoperiodism)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9"

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9

AKSENOVA, N. T.

"Shoe Carton from Leather Board Waste," Leg. prom., No.3, 1952

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9"

AKSENOVA, O.F.

Some features of the metabolism of winter grains during the hardening
and wintering period. Uch.zap.TGU no.36;219-228 '60. (MIRA 14:5)
(Grains) (Plants—Metabolism)

AKSENOVA, O.N.; GLADYSHEVA, A.A.

Data on the history of the Department of Anatomy of I.V.Stalin
State Central Institute of Physical Culture of the Order of Lenin
(1920-1960). Arkh. anat. i embr. 41 no.10:114-118 0 '61.

1. Kafedra anatomii (zav. - zasl. deyatel' nauki prof. M.F.Ivanitskiy)
Gosudarstvennogo tsentral'nogo ordena Lening instituta fizicheskoy
kul'tury imeni Stalina. Adres avtorov: Moskva, ul. Kazakova, 18,
Institut fizkul'tury, kafedra anatomii.
(MOSCOW ANATOMY STUDY AND TEACHING)

AKSENOVA, G.N.; GLADYAVIN, A.A.; SHIDLOVSKAYA, Ye.I.

Work of the Morphology Section of the Seventh Scientific Conference on Problems of Morphology, Physiology and Biochemistry of Muscular Activity. Arkh. anat., hist. i embr. 45 no. 10:119-121 O '63. (MIRA 17:9)

1. Adres avtorov: Moskva, ul. kazakova, 18, Institut fizicheskoy kul'tury, kafedra anatomii.

AKSENOVA, O. N.

"Antropometricheskiye issledovaniya skeleta taza u sportsmenov."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,
Moscow, 3-10 Aug 64.

AKSENOVA, O.N., kand. biol. nauk

Height of the pelvis as an additional obstetrical measurement.
Akush. i gin. 40 no.1:132-133 Ja-F '64. (MIRA 17:8)

1. Kafedra anatomii (zav. - prof. M.F. Ivanitskiy) TSentral'-
nogo ordena Lenina instituta fizicheskoy kul'tury, Moskva.

EXCERPTA MEDICA Sec 14 Vol.10/5 Radiology Nov 56

AKSENOVA, O.V.

739. BAGDASAROFF A.A., VINOGRAD-FINKEL F.R., AKSENOVA O.V.,
BOGOYAVLENSKAYA M.P., BOLDISHEVA G.M., RODINA R.T. and
SKOPINA S.B. * The use of leucocytes alone in the treat-
ment of sequelae of chronic postirradiation disease
(Russian text) KLIN. MED. (Mosk.) 1955, 33/6 (28-36) Graphs 2
Tables 2 Illus. 3

In the Central Institute of Haematology and Transfusion in Moscow agranulocytosis
and the postirradiation syndrome are treated by transfusion of leucocytes alone
or blood.
Bilek - Prague (VI, 14)

AKSENOVA, O.V.; MESSINEVA, N.A.

Vitamin B₆ metabolism in patients with blood diseases. Probl. gemat.
i perel. krovi 5 no. 12:18-21 '60. (MIRA 14:1)
(FOLIC ACID) (BLOOD-DISEASES)

LORIYE, Yu.I.; AKSENOVA, O.V.; LAVROVA, O.P.; TURBINA, N.S.

Some problems in the treatment of leukemia. Terap.arkh. 33
no.2:94-101 F '61. (MIRA 14:3)

1. Iz hematologicheskoy kliniki (zav. - prof. M.S. Dul'tsin)
Tsentral'nogo instituta hematologii i perelivaniya krovi.
(LEUKEMIA)

AKSENOVA, O.V.; LAVROVA, O.P.

Vitamin B₁₂ and iron concentration in the blood of leukemic patients.
Vit. res. i ikh isp. no.5:220-228 '61. (MIRA 15:1)

1. Gematologicheskaya klinika TSentral'nogo ordena Lenina instituta
gematologii i perelivaniya krovi, Moskva.
(CYANOCOBALAMINE) (IRON IN THE BODY) (LEUKEMIA)

EYDINOVA, M.B.; CHERNTSOVA, T.A.; AKSENOVA, O.V.; LAVROVA, O.P.

Treating funicular myelosis with vitamin B₁₂. Vit. res. i ikh isp.
no. 5:229-234 '61. (MIRA 15:1)

1. Gematologicheskaya klinika TSentral'nogo ordena Lenina instituta
gematologii i perelivaniya krovi, Moskva.
(CYANOCOBALAMINE) (LEUKEMIA)

CHERNTOVA, T.A.; IVANOVA, V.D.; AKSENOVA, O.V.

Clinical characteristics and properties of the course of
chronic leukemia during the early stages of its development.
Report No.1. Problemy gemat. i perel. krovi 8 no.8:9-13
Ag '63. (MIRA 17:8)

1. Iz hematologicheskoy kliniki (zav. - prof. M.S. Dul'tsin),
radiobiologicheskoy laboratorii (zav. - prof. M.O. Raushenbakh)
i laboratorii klinicheskoy biokhimii (zav. N.A. Messineva)
TSentral'nogo ordena Lenina instituta hematologii i pereli-
vaniye krovi (dir. - dotsent A.Ye. Kiselev) Ministerstva
zdravookhraneniya SSSR.

AKSENOVA, O.V.

Determination of B group vitamins by paper electrophoresis. Lab.
delo 10 no.4:219-221 '64. (MIRA 17:5)

1. Klinicheskaya laboratoriya (zaveduyushchiy - N.A.Messineva)
TSentral'nogo instituta hematologii i perelivaniya krovi Minis-
terstva zdravookhraneniya SSSR (direktor - dotsent A.Ye.Kiselev).

AKSENOVA, R.P.; DUL'KIN, S.G.

[New developments in the production of marmalade candy at
the "Udarnitsa" Factory] Novoe v proizvodstve marmelada na
fabrike "Udarnitsa." Moskva, TSentr. in-t nauchno-tekhn.
informatsii pishchevoi promyshl., 1964. 21 p.

(MIRA 17:12)

VAYSBURD, I.A.; AKSENOVA, R.V.

Strongyloidiasis in Tajikistan. Zdrav. Tadzh. 8 no.1:49-50 '61.
(MIRA 14:3)

1. Iz kafedry infektsionnykh bolezney (zav. - dotsent D.M.Khashimov)
Stalinabadskogo medinstituta imeni Abuali ibni Sino.
(TAJIKISTAN—STRONGYLOIDIASIS)

L 1834-66 EWT(d)/EWP(1) IJP(c) BB/GG/BC
ACCESSION NR: AR5007327 UR/0271/65/000/001/A108/A109
621.396.98 51

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Sv. t.,
Abs. 1A559

AUTHOR: Pushkarev, A. M.; Aksanova, S. V.

TITLE: Connecting information sensors to a shipborne digital computer through
a time modulator designed with a high-speed electronic counter and induction
delay lines

CITED SOURCE: Inform. sb. Tsentr. n.-i. in-t morsk. flota, vyp. 109, 1964,
5-10

TOPIC TAGS: radar navigation, navigation computer

TRANSLATION: The connection of a shipborne digital computer to a circular-
scanning radar used for navigation, safe-passing of oncoming ships, passing
through narrows, etc., requires special and careful planning. The required
accuracy of radar information is a 17-20 m range and a few minutes in direction.

Card 1/3

L 1834-66

ACCESSION NR: AR5007327

Available systems of automatic tracking satisfy the above accuracy requirements, but their electromechanical components have a number of drawbacks. Somewhat better results can be obtained through digital servosystems. One of the particular problems in automatic-tracking systems is the generation of a selector pulse delayed in proportion to a "preliminary" range determined by some means. A system is described which provides the time delay with an error of one-tenth microsecond. This system supplies a pulse that is used for starting a shaper of the selector pulses required for operation of a time discriminator. A principal circuit of switching the delay lines of the time modulator is considered. The suggested circuit of the time modulator permits obtaining time delays with high accuracy. If, prior to every start of the transmitter, the range code is registered in the time modulator, then during the target illumination the time discriminator (having a packet of response pulses) will yield a series of error signals whose integral value, converted into a binary code, can be used for obtaining a new, more accurate range code. This code is sent to a definite storage cell while a time-modulator register receives the rough range code of the next target along the direction of rotation of the antenna. The entire process is

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L 1834-66

ACCESSION NR: AR5007327

repeated, and by the start of the next antenna rotation, several storage cells will contain a more accurate range code of the targets. These codes can be supplied to the time-modulator register automatically in the same sequence for further improving accuracy and tracking.

SUB CODE: DP, NG

ENCL: 00

Card 3/3

L-18183-63

EWP(j)/EWT(m)/BDS AFFTC/ASD/SSD Pg-4 RM/MAY

ACCESSION NR: AP3006768

S/0190/63/005/009/1422/1424

AUTHOR: Gil'man, I. S.; Rogovin, Z. A.; Aksanova, T. A.

TITLE: Study of the degradation of fluorine-containing polymers by the osmotic method

SOURCE: Vý*okomolekulyarny*ye soyedineniya, v. 5, no. 9, 1963,
1422-1424

TOPIC TAGS: degradation, polymer degradation, Ftorlon, ethylene polymers, ethylene, chlorotrifluoro-, polymers, Ftorlon degradation, Ftorlon dioxane solution, osmometer, osmotic method, Ftorlon acetone solution, low molecular fraction, low molecular fraction quantitative determination, quantitative determination, low molecular fraction separation, separation, osmotic pressure, initial concentration, equilibrium concentration, intrinsic viscosity, initial intrinsic viscosity, equilibrium intrinsic viscosity, polymer degradation rate, degradation rate

Card 1/3

L 18183-63
ACCESSION NR: AP3006768

ABSTRACT: An osmotic method has been used to study the oxidative degradation of Ftorlon [copolymer of polychlorotrifluoroethylene and high-pressure polyethylene]; by this method it is possible to determine quantitatively the low-molecular fraction (molecular weights 20,000—25,000) formed during degradation and to separate it from the bulk of the polymer. Degradation was achieved by heating a dioxane solution of the polymer at 65°C in air for 40 hr with vigorous agitation. The oxidized polymer was precipitated by addition of water and dried in vacuum at 60°C. Experiments were conducted with acetone solutions of oxidized Ftorlon (I) and initial Ftorlon (II), on an osmometer described previously (I. S. Gil'man, Z. A. Rogovin, Vy*sokomolek. soyed., 1, 619, 1959). The time required for a difference in levels (Δh) of 10 cm on the two sides of the semipermeable membrane to drop to zero was found to be 9—10 hr for pure acetone. The lowest molecular weight of species which did not diffuse through the membrane and could therefore be determined under the conditions of the experiment was

Card 2/3

L-18183-63

ACCESSION NR: AP3006768

20,000—25,000. The results of osmotic pressure measurements for solutions of I and of II of the same concentration are given in plots of Δh versus time (Fig. 1 of the Enclosure). The maximum on the curve for I indicates that during equilibration the concentration of the initial solution changes owing to diffusion through the membrane of the low-molecular (less than 20,000—25,000) fraction produced by degradation. The number-average molecular weight of the fraction remaining in the initial solution was determined conventionally. The diffusion of degradation products through the membrane was confirmed by the fact that 1) while the concentration of II remained almost unchanged after equilibration, the equilibrium concentration of I was 20—30% below its initial concentration, and 2) while the intrinsic viscosity of II in acetone remained unchanged after the osmotic pressure measurement, the intrinsic viscosity of I increased from 1.90 to 2.60 dl/g after diffusion of the low-molecular fraction through the membrane. It is concluded that the osmotic method can be used for studying the degradation rate of polymers in solutions. Orig. art. has: 2 figures and 1 table.

Card 3/3 ASSN: MOSCOW TEXTILE INSTITUTE

GIL'MAN, I.S.; ROGOVIN, Z.A.; AKSENOVA, T.A.; Prinimala uchastiye; IZVESTIYA, S.B.

Osmometric study of the degradation of fluorine-containing polymers.
Vysokom.soed. 5 no.9:1422-1424 S '63. (MIRA 17:1)

1. Moskovskiy tekstil'nyy institut.

L 25518-66 EWT(d)/EWT(1)/EWA(h)/EWP(1) IJP(c) GO/BB
ACC NR: AR6009000 SOURCE CODE: UR/0271/65/000/010/B020/B021

AUTHOR: Aksanova, S. V.

TITLE: Possibility of constructing a long-time memory unit using printed inductive elements 25

SOURCE: Ref. zh. Avtomat. telemekh. i vychisl. tekhn., Abs. 10B175

REF SOURCE: Tr. Tsentr. n.-i. in-ta morsk. flota, vyp. 59, 1964, 97-103

TOPIC TAGS: computer memory, computer component, electric inductance, printed circuit

ABSTRACT: The author analyzes questions involved in constructing a semipermanent long-time memory with inductive coupling based on printed circuits. The memory constructed on the basis of this method satisfies the proposed requirements (high speed, easy technology, and easy interchange of stored information). A Japanese memory using inductive coupling and constructed on so-called Fuko cards is described. Variants of constructing a memory with printed spirals is proposed. Use is made of interaction between printed inductances of several turns each. The operating principle of a memory of this type is based also on the phenomenon of mutual induction between circuits. An analysis is made of the main characteristics of the described memory system. 9 illustrations. V. L. [Translation of abstract]

SUB CODE: C9

Card 1/1 PB UDC: 681.142.65

L 1964-66 EWT(m)/EWP(j) RM

ACCESSION NR: AP5021783

UR/0068/65/000/008/0039/0042
668.74

AUTHOR: Novikov, Ye. G.; Aksenova, T. F., Belyayeva, A. M.

TITLE: Preparation and properties of carbazole-phenol-formaldehyde resins

SOURCE: Koks i khimiya, no. 8, 1965, 39-42

TOPIC TAGS: carbazole, formolite resin, formaldehyde, heat resistant plastic

ABSTRACT: Hydrocarbon - phenol-formaldehyde resins (formolites) based on carbazole were synthesized in two steps: condensation of carbazole with formaldehyde in an alkaline medium produced the low-melting and reactive N-methylolcarbazole, and the latter was then condensed with formaldehyde in an acid medium. The conditions of preparation of N-methylolcarbazole were studied by ultraviolet spectroscopy. It was found that in order to obtain the formolite, the raw material used may be commercial carbazole with a concentration not below 85% containing no more than 3% phenanthrene. The synthesis of the carbazole-phenol-formaldehyde resins consisted in filling the reactor with 1 pt. by wt. of the formolite, 2 pts. by wt. of phenol, and formalin, the required amount of which was determined by preliminary analysis. The catalyst

Card 1/2

L 1964-66

ACCESSION NR: AP5021783

(hydrochloric acid) was introduced in portions, the condensation was carried out for
3 hr, then the resin was dried. The resins were used to prepare molded articles.
Orig. art. has: 7 tables.

ASSOCIATION: VUKHIN

SUBMITTED: 00

ENCL: 00

SUB CODE: .GC, MT

NO REF SOV: 001

OTHER: 000

Card 2/2 DP

L 8129-66 EWT(m)/EPF(c)/EMP(j)/T/EWA(c) RM

ACQ NR: AP5025019

SOURCE CODE: UR/0286/65/000/016/0080/0080

AUTHORS: Novikov, Ye. G.; Aksenova, T. F.

ORG: none

TITLE: Method for obtaining carbazolephenolformaldehyde resins. Class 39, No. 173928

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 80

TOPIC TAGS: carbazole, formaldehyde, polycondensation, polymerization

ABSTRACT: This Author Certificate presents a method for obtaining carbazole-phenolformaldehyde resins by condensing carbazole with formaldehyde in an alkali medium and treating the reaction mixture with phenol in an acid medium. To simplify the process, the phenol treatment is carried out directly after the condensation of the carbazole with formaldehyde.

SUB CODE: OC/ SUBM DATE: 27May64

nw
Card 1/1

UDC: 678.632.547.759

Country : USSR
Category : Plant Physiology. Respiration and Metabolism.

Abs. Jour.: Ref. Zhur.-Biologiya No. 11, 1958. No. 48524

Author : Rubin, E.A.; Aksanova, V.A.
Institute : Inst. of Biochemistry, Academy of Sciences USSR
Title : The Function of the Polyphenolase System in Protective Reactions of Potatoes Against Phytophthora infestans

Orig. Pub.: Bichimiya, 1957, 22, No. 1-2, 202-209

Abstract : Determinations were made of the amount of chlorogenic acid (by paper chromatography treating the eluates through Hoffner's reagent with colorimetric staining), polyphenoloxidase activity (in a Warburg apparatus, according to the oxidation rate of the system of chlorogenic acid and hydroquinone by means of tuber tissue sections), and deshydrases (by the Tunberg method with a phosphate buffer

Card: 1/4

Country : USSR I
Category : Plant Physiology. Respiration and Metabolism.
Abs Jour. : Ref. Zhur.-Biologiya No. 11, 1958. №.48524

Author :
Institute :
Title :

Orig. Pub.:

Abstract : at pH 7). The Phytophthora mycelia did not synthesize enzymes of the polyphenoloxidase type and contained dehydrases of succinate and citric acids, ethyl alcohol, sodium glycerophosphate, succinodehydrase and isocitricodehydrase. Tubers of the Moskovskiy Ustoychivyy (Moscow Resistant) variety had twice as much chlorogenic acid as the Rannyaya Roza (Early Pink) variety, which is quite vulnerable. Phytophthora infection activated the

KHARLAMPOVICH, G.D.; AKSENOVA, T.F.

Production of plasticizers substituting for cresyl phosphate, based
on xlenols and high boiling phenols from coal tar. Koks i khim.
no. 5:46-49 '61. (MIRA 14:4)

1. Ural'skiy politekhnicheskiy institut.
(Plasticizers) (Coal tar) (Tolyl phosphate)

AKSENOVA, V. A. Cand Biol Sci -- (diss) "Oxidizing processes in the phenomena
of reciprocal action of the potato tuber and Phytophthora infestans." Mos, 1959
27 pp (Inst of Biochemistry im A. N. Bakh, Acad Sci USSR), 110 copies
(KL, 45-59, 144)

17(3)

AUTHOR:

Aksanova, V. A.

TITLE:

On the Oxidizing Apparatus of the Fungus Phytophthora infestans
(Ob okislitel'nom apparate griba Phytophthora infestans)

SOV/20-127-1-54/65

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 127, Nr 1, pp 194-197
(USSR)

ABSTRACT:

There are far less data on the ferment apparatus of the obligatory parasites than on that of the saprophytes and semi-parasites (Refs 3-6). Although the parasite mentioned in the title can be bred on an artificial culture-medium its ferment apparatus has not been investigated. In order to obtain the mycelium of this fungus the author cultivated it on agarized oat decoction (Ref 7). 22 different specific inhibitors (Table 1) of the respiration of the mycelium were tested. The results show (Table 1) that potassium cyanide and sodium azide suppress by more than a half the oxygen absorption by the fungus mycelium. This fungus has therefore one ferment system which can be suppressed by poisons, and another which cannot be suppressed. Sodium-diethyl-dithio-carbamate suppresses the breathing of the mycelium by 40%. It can be concluded therefrom that a part of its breathing is catalyzed by the oxydases of a Cu-proteide

Card 1/3

On the Oxidizing Apparatus of the Fungus
Phytophthora infestans

SOV/20-127-1-54/65

type. Results of the experiments concerning the oxidation capacity of various culture-media by the fungus (Table 2) proved that the majority is oxidized neither by its pulverized nor by its intact mycelium. The oxygen absorption increased only with ascorbic acid and methionine. The latter proves that amino acids are present in *Phytophthora* which belong to the flavo-proteides. A comparatively high content of riboflavin in the mycelium (determined by Z. Zaytseva) is another proof. The above-mentioned experiments, repeated with acetone preparations of the mycelium yielded completely agreeing results. Since many data in the publications regarding the influence of the culture media on the composition of the ferments produced by the fungus (Refs 8, 9) are available, the author used agaried potato decoction which is much more similar to the natural culture medium. The obtained results are shown in table 4 : the mycelium contained this time active cytochrome oxydases which was not the case on oat agar. A fermentative adaptation takes place here (at present called "induced ferment formation") (Ref 10). The results of further experiments showed that *Phytophthora* contains an active dehydrogenase system and decolorizes methylene blue

Card 2/3

On the Oxidizing Apparatus of the Fungus
Phytophthora infestans

SOV/20-127-1-54/65

rapidly. The dehydrogenases of succinic acid and of the citric acid of ethyl-alcohol and of glycerophosphate were proved. The presence of the first two dehydrogenases admits the assumption that the dichotomous disintegration of the respiration substratum plays a certain role in the breathing of this fungus. Table 6 shows that citric-, succinic- and fumaric acid increase the oxygen absorption of the mycelium. It may therefore be assumed that the glycolysis is one of the ways of the transformation of the respiration substratum, with a subsequent transformation of its products according to the cancer cycle. The experiments will be continued. Professor Rubin gave valuable advice. There are 6 tables and 10 references, 6 of which are Soviet.

ASSOCIATION: Institut biokhimii im. A. N. Bakha Akademii nauk SSSR
(Institute of Biochemistry imeni A. N. Bakh of the Academy of Sciences, USSR)

PRESENTED: April 2, 1959, by A. I. Oparin, Academician

SUBMITTED: April 1, 1959

Card 3/3

AKSENOVA, V. A., LADYGINA, M. YE., ARTSIKHOVSKAIA, YE. V., and
IVANOVA, T. M. (USSR)

"The Nature of the Toxic Action of *Botrytis cinerea*."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 Aug 1961

RUBIN, B.A.; AKSENOVA, V.A.

Enzymatic apparatus of *Phytophthora infestans*. Biokhim. pl. i ovoshch.
no. 6:252-261 '61. (MIRA 14:6)

1. Institut biokhimii imeni A.N.Bakha AN SSSR.
(Fungi, Phytopathogenic) (Enzymes)

AKSENOVA, V.A.

Toxicity of the polysaccharide fraction of the toxin of
Botrytis cinerea. Dokl. AN SSSR 147 no.2:496-498 N '62.
(MIRA 15:11)

1. Institut biokhimii im. A.N. Bakha AN SSSR.
Predstavleno akademikom A.I. Oparinym.
(Botritis)
(Plants, Effect of poisons on)
(Polysaccharides)

RUBIN, B.A.; AKSENOVA, V.A.

Effect of the toxin of Botrytis cinerea and its polysaccharide fraction on oxidative phosphorylation in cabbage tissues.
Fiziol. rast. 11 no.1:59-63 Ja-F '64. (MIRA 17:2)

1. Institut biokhimii imeni Bakha AN SSSR i kafedra fiziologii rasteniy Moskovskogo gosudarstvennogo universitet, Moskva.

AKSENOVA, V.A.

Mechanism of the action of *Botrytis cinerea* toxin on a plant cell. Dokl.
AN SSSR 158 no.2:480-483 S '64. (MIRA 17:10)

1. Institut biokhimii im. A.N.Bakha AN SSSR i Moskovskiy gosudarstvennyy
universitet. Predstavлено akademikom A.I.Oparinym.

KONONOVA, V.A., kand.med.nauk; AKSENOVA, V.B., nauchnyy sotrudnik

Air pollution by discharge from a synthetic alcohol plant and
its effect on morbidity and living conditions. Gig. i san.
26 no.9:3-7 S '61. (MIRA 15:3)

1. Iz Saratovskogo instituta sel'skoy gigiyeny Ministerstva
zdravookhraneniya RSFSR.

(AIR POLLUTION)
(ALCOHOL, DENATURED--TOXICOLOGY)

KONONOVA, V.A., nauchnyy sotrudnik; AKSENOVA, V.B., nauchnyy sotrudnik

Hygienic evaluation of plans and construction of collective farms
in some provinces of the Russian Federation. Gig.i san. 26 no.12:
14-18 D '61. (MIRA 15:9)

1. Iz Saratovskogo nauchno-issledovatel'skogo instituta sel'skoy
gigiyeny Ministerstva zdravookhraneniya RSFSR.
(PUBLIC HEALTH, RURAL) FARM BUILDINGS)

KONONOVA, V.A., kand. med. nauk; AKSENOVA, V.B., nauchnyy sotrudnik

Hygienic basis for sanitary protection zones separating
dwelling houses from livestock farms. Gig. i san. 28 no.7:
7-11 Jl '63. (MIRA 17:1)

1. Iz Saratovskogo nauchno-issledovatel'skogo instituta
sel'skoy gigiyeny.

PIALKOV, Yu.Ya.; AKSENOVA, V.B.

Sulfur exchange in the system sulfide - sulfate. Zhur.neorg.
khim. 11 no.1:215-216 Ja '66. (MIRA 1951)

1. Kiyevskiy politekhnicheskiy institut. Submitted April 9,
1965.

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9

GRACHEVA, O.S.; AKSENOVA, V.D.

Mineral associations and the vertical zonality of the Chapayev rare metal deposit. Trudy VSEGEI 60:73-80 '61. (MIRA 15:3)
(Deras-Yurega Valley--Metals, Rare and minor)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9"

Elise Nova, V.L.

18

Purification of natural, powdered ore from Kafch Bog
Kafch Bog is a deposit of natural, powdered ore containing
Manganese, Nickel, Cobalt, and small amounts of other metals.
The ore is usually a mixture of Mn, Ni, Co, and Fe. It is
heated at 600-700° under reducing conditions and in the presence
of a gaseous, liquid, or solid reducing agent. The impurities thus converted to a liquid
state are washed out with water, and the remaining mass is
dried at up to 400°. The product is used to make
dry-cell batteries. M. Hirsch

18

GRINENKO, G.S.; MAKSIMOV, V.I.; AKSENOVA, V.I.

Synthesis of trans-1-hydroxy-1-acetoxyacetyl-6-acetoxy-4,5
(4'-methoxybenzo)hydrindan, an analog of corticoid hormones.
Dokl.AN SSSR 133 no.1:102-105 J1 '60. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S. Ordzhonikidze. Predstavлено akademikom
M.M.Shemyakinym.
(Indan) (Corticosteroids)

GRINENKO, G.S.; MAKSIMOV, V.I.; AKSENOVA, V.I.

Part 10: By-products of the Reformatskii reaction. Zhur.
ob.khim. 31 no.8:2735-2739 Ag '61. (MIRA 14:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut im. S. Ordzhonikidze.
(Reformatskii reaction)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9"

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9

AKSENOVA, Ye.I.

Materials on the phytoplankton of the lower Don River and
adjacent bodies of water. Trudy AzNIIRKH no.6:43-61 '63.
(MIRA 17:8)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9"

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9

AKSENOVA, Ye.I.; SOKOLOVA, Ye.V.

Determination of primary production in TS Inlyansk and Veselyy
Reservoirs. Trudy AzNIIRKH no.6:63-69 (MIRA 17:8)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9"

Aksenova, Yu. V.

✓Calculation of composition of glasses having low crystallization capacity. Yu. V. AKSENNOVA, P. V. BUKARINOVA, L. N. GOLUBYATNIKOVA, L. I. DEMKINA, AND Z. N. SUCHOBOLOVA. *Steklo i Keram.*, 12 [8] 7-11 (1955).—In developing the composition of acid optical glasses, a dependence was observed between molar percentage composition and crystallization capacity. Multi-component glasses were projected on the composition triangle of K₂O-Na₂O-SiO₂. From the ratio of K₂O/Na₂O in multi-component glass, its projection on the curve of the same K₂O/Na₂O in the triangle of K₂O-Na₂O-SiO₂ is determined with the aid of $\Delta SiO_2 = SiO_2 - 4K_2O - 2(Na_2O + PbO + BaO) - (CaO + BaO) - 0.6(ZnO + MgO)$. Crystallization capacities of 22 glasses were determined experimentally and plotted on the triangle for each projected multicomponent glass. Results show the relationship between crystallization capacity and composition.

B.Z.K.

(4)

ALEKSANDROV, L.A.; AKSENOVA, Z.I.; ARTEM'YEV, S.P.; AFANAS'YEV, L.L.;
BONSHTEYN, L.A.; BURKOV, M.S.; BUYANOV, V.A.; VELIKANOV, D.P.;
VERKHOVSKIY, I.A.; GOHERMAN, I.M.; DAVILOVICH, L.N.; DEGTEREVA,
G.N.; ZEMSKOV, P.F.; KAIABUKHOV, F.V.; KOLESNIK, P.A.; KOZHIN,
A.P.; KRAMARENKO, G.V.; KRUZE, I.L.; KURSHEV, A.N.; OSTROVSKIY,
N.B.; PASHINA, S.N.; SEMIKIN, N.V.; TARANOV, A.T.; TIKHOMIROV,
A.K.; ULITSKIY, P.S.; USHAKOV, B.P.; FILIPPOV, V.K.; CHERNYAVSKIY,
L.M.; CHUDINOV, A.A.; SHUPILYAKOV, S.I.; TIKHOMIROV, N.N.

Petr Valerianovich Kaniovskii; obituary. Avt.transp. 37
no.4:57 Ap '59. (MIRA 13:6)
(Kaniovskii, Petr Valerianovich, 1881-1959).

AKSENOVA, Zoya Ivanovna, dotsent, kand.ekon.nauk; TIKHOMIROV, N.N.,
red.; NIKOLAYEVA, I.N., tekhn.red.

[Automotive freight transportation; economic analysis] Avto-
mobil'nye gruzovye perevoski; ekonomicheskii analiz. Moskva,
Nauchno-tekhn.izd-vo M-va avtomobil'nogo transp. i shosseinykh
dorog RSFSR, 1960. 162 p.

(MIRA 14:4)

(Transportation, Automotive--Freight)

AKSENOVA, Z.I.

"Analysis of the operations and finances of automotive transportation units" by I.A. Verkhovskii and "Automotive Transportation; economic analysis" by Z.I. Aksanova.

Avt.transp. 40 no.5:59-61 My '62. (MIRA 15:5)

(Transportation, Automotive)

(Verkhovskii, I.A.)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9

AKSENOVA, Z.I., kand. ekon. nauk; DENISOVA, O.N., inzh.,
retsentent; GAKHOVSKAYA, T.M., red.

[Economic aspects of freight transportation] Voprosy eko-
nomiki perevozok gruzov. Moskva, Transport, 1964. 164 p.
(MIRA 17:6)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9"

KOZLOVSKIY, G.I. [Kozlovs'kiy, H.I.]; NOVIKOVA, Z.M. [Novykova, Z.M.];
AKSEMOVA, Z.M. [Aks'monova, Z.M.]

Effect of ferments obtained from mold fungi on some vegetable
proteins and carbohydrates. Khar. prom. no.1:53-56 Ja-Mr '63.
(MIRA 16:4)

(Fermentation)

IVANOV, I.P., kand.med.nauk; ZMANOVSKIY, Yu.F.; AKSENOVA, Z.P.

Reactivity characteristics of the vascular system in women
during normal pregnancy and late toxicooses of pregnancy.
Sov.Med. 27 no.7:68-73'Jl'63. (MIRA 16:9)

1. Iz otdela patologii beremennosti (zav. - doktor med.nauk
Ye.P. Romanova) i fiziologicheskoy laboratorii (zav. - prof.
A.O.Dolin) Nauchno-issledovatel'skogo instituta akusherstva
i ginekologii (dir.- prof. O.V.Makeyeva) Ministerstva zdra-
voохранения РСФСР.

(PREGNANCY, COMPLICATIONS OF) (BLOOD VESSELS)
(TOKEMIA)

NOTKINA, M.A.; DORKINA, B.M.; Prinimali uchastiye: NAZAROVA, M.G.; AKSENOVA,
Z.V.; RASTOPCHINA, A.P.

Spectrochemical method for determining the impurities present in
strontium and barium. Zav.lab 26 no.10:1126-1128 '60.

(MIRA 13:10)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut
redkometallicheskoy promyshlennosti.
(Strontium--Analysis) (Barium--Analysis)

AGEYEVA, A.P.; AKSENOVA-CHERKASOVA, A.S., aspiranka; VELIKANOV, L.N., bibliotekar'; GAVVA, F.M.; GIRENKO, P.D., Geroy Sots. truda; GUBANOV, M.M., pensioner; GUS'KOVA, T.K., nauchnyy sotr.; DAVYDOV, A.G., prepodavatel'; DANILEVSKIY, V.V., prof., dvazhdy laureat Stalinskoy premii; DOVGOPOL, V.I., laureat Stalinskoy premii; YELOKHIN, M.F.; YERMAKOV, A.D.; IVANOV, V.G., prepodavatel'; KOVALEVICH, V.K.; KOVALEVSKAYA, Ye.S., zhurnalistka; PANKRATOV, A.G.; POPOVA, F.M.; URYASHOV, A.V.; FEDORIN, I.M., kand. ist. nauk; FILIPPOV, F.R.; CHUMAKOV, N.P.; SHEPTAYEV, K.T., zhurnalist; VAS'KOVSKIY, O.A., kand. ist. nauk, retsenzent; KULAGINA, G.A., kand. ist. nauk, retsenzent; GORCHAKOVSKIY, P.L., prof., doktor biol. nauk, retsenzent; BAKHMUTOVA, V., red.; SAKNYN', Yu., tekhn. red.

[Nizhniy Tagil] Nizhniy Tagil. Sverdlovsk, Sverdlovskoe knizhnoe izd-vo, 1961. 294 p.
(MIRA 16:1)

1. Nizhne-Tagil'skiy krayevedcheskiy muzey (for Ageyeva, Gus'kova).
2. Zaveduyushchiy gorodskim otdelom narodnogo zdravookhraneniya, Nizhniy Tagil (for Velikanov).
3. Zaveduyushchiy gorodskim sel'skokhozyaystvennym otdelom goroda Nizhniy Tagil (for Gavva).
4. Nachal'nik upravleniya stroitel'stvom Sverdlovskogo sovnar-khoza (for Girenko).
5. Deystvitel'nyy chlen Akademii nauk Ukr. SSR, Leningradskiy politekhnicheskiy institut (for Danilevskiy).

(Continued on next card)

AK SE NOV. CH. D.A.

24(0) PHASE I BOOK EXPLOITATION SOY/3371

Minsk. Belarusiyskiy politekhnicheskiy Institut

Spornik naučnykh rabot. Vyp. 60. Seriya fiziko-matematicheskaya
 (Collected Scientific Works. Nr 60. Physics and Mathematics Series). Minsk, 1957. 167. Karta slip inserted. 1,000 copies printed.

Sponsoring Agency: Ministerstvo vyshego obrazovaniya SSSR.

Tech. Ed.: S. Iu. Pestina, Editorial Board: M. A. Besenov, Docent, Candidate of Physical and Mathematical Sciences (Phys. & Math. Sci., resp. Ed.); M. V. Popov, Docent, Candidate of Physical and Mathematical Sciences; N. V. Aranasyev, Docent, Candidate of Physical and Mathematical Sciences; N. I. Chernobov, Docent, Candidate of Physical and Mathematical Sciences (resp. Ed. for this Number).

PURPOSE: This book is intended for students of the physical and mathematical sciences. It is a collection of 19 articles on mathematics, physics, and theoretical mechanics, prepared by members of the Belarusian Polytechnic Institute [including I. V. Stalina (Belorussian Polytechnic Institute [named I. V. Stalin]) and other scientists]. The mathematical material includes an analysis of problems relating to the theory of univalent functions of a complex variable, the boundary problem in the theory of vibrations, and a nomogram for the run-off of spring floods. The experimental works include studies of the electrodissolution process, crystallization from melts, abrasive polishing of crystals, stress distribution in the frame of an automobile, and the elastic properties of a body during its plastic deformation. The references follow the individual articles.

- | | |
|--|---|
| 6. Larkina, I. M. and M. A. Smirnov. Simplifying the Technique of Approximate Calculation of Definite Integrals by Formulas of Numerical Quadrature. 56 | 9. Bertram, V. B. Nonogram for the Formula of G. N. Alekseyev for Calculating the Maximum Run-off of Spring Floods. 69 |
| 10. Aranasyev, N. V., A. M. Dubovitsch, and A. F. Shukerovich. On the Efficiency of the Electrorefinement Process. 73 | 11. Aranasyev, N. V., M. B. Scherbina, and V. A. Prezent. About the Disperse Phase of Metal During High-Voltage Spark Discharge in a Gaseous Medium. 82 |
| 12. Chernobov, Iu. I. Effect of an Electric Field on the Formation of Crystallization Centers in Supercooled Metal. 98 | 13. Chernobov, Iu. I. Temperature Versus Activation Energy of Supercooled Molecules of Salol and Betol Melts. 106 |
| 14. Besenov, M. A. Relationship Between the Work, Heat, and Absorbed Energy in the Abrasive Wear of Rock Salt Crystals. 116 | 15. Aranasyev, N. V., and M. A. Besenov. Effect of Surface Energy on the Abrasive Wear of Crystals. 125 |
| 16. Oparin, P. A. Corresponding Method, As Before Professor, Doctor of Technical Sciences, Reducing Equations of Lane Free Motion to Homogeneous Equations and Proving the Uniqueness of the Minimum Sum of Moments of Force Acting on a Plate Lying on a Rough Plane. 131 | 17. Oparin, P. A., Corresponding Member, AS SSSR, Professor, Doctor of Technical Sciences. On the Minimum Sum of Moments of Force Acting on a Caterpillar Tractor in a Static State of Turning. 138 |
| | 18. Sviridov, A. M. Investigation of Stresses in the Frame of a MZ-25 Automobile. 141 |
| | 19. Bicairovitch, P. V. Studying the Plastic Behavior of a Body During Plastic Deformation. 147-14 |

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9

AKSENOVICH, D.A.; BESSONOV, N.A.

Effect of surface energy on the abrasive wear of crystals. Sbor. nauch.
rab. Bel. politekh. inst. no.60:125-130 '57. (MIRA 13:2)
(Abrasion) (Crystals)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9"

AUTHOR: Aksenovich, G. I., Gal'perin, E. I., Zayonchkovskiy, M.A.

TITLE: Special features of an apparatus for deep seismic pro-
bing and results obtained in testing it. (Oсобенности
аппаратуры для глубинного геофизического зондирования
и результаты ее опробования).

PERIODICAL: Izvestiya Akademii Nauk, Seriya Geofizicheskaya, 1957,
No.2, pp. 184-189. (U.S.S.R.)

ABSTRACT: Apparatus is described for recording seismic waves pro-
duced by relatively small explosions, using 50 - 300 kg
explosives, at distances of up to 400 km from the
explosion point. This apparatus is based primarily on
work carried out in Northern Tyan'-Shan' in 1949 and
1950 by the authors and other members of the Geophysics
Institute of the Ac.Sc. Information on the experimental
apparatus has been published previously (10). It was
found that the predominant spectrum of the frequencies of
seismic waves at distances of 150 to 300 km changes
little and the predominant frequencies vary between 8
and 15 c.p.s.

Card 1/2

A K S E N O V I C H, C. J.

3(5)

PHASE I BOOK EXPLOITATION

SOV/2819

Vsesoyuznyy nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki

Razvedochnaya i promyslovaya geofizika, vyp. 23 (Exploration and Industrial Geophysics, Nr 23) Moscow, Gostoptekhizdat, 1958. 77 p. (Series: Obmen proizvodstvennym optyom) Errata slip inserted. 4,000 copies printed.

Ed.: A.I. Bogdanov; Exec. Ed.: Ye.G. Pershina; Tech. Ed.: A.S. Polosina.

PURPOSE: This booklet is intended for geophysicists as well as engineering and technical personnel in the petroleum industry.

COVERAGE: This collection of articles describes new equipment and instruments used in the petroleum industry. Individual articles discuss the single-cable electronic thermometer and the magnetic logging locator. Regional exploration problems such as electrical sounding at sea, electrical survey in permafrost areas etc. are also treated. References accompany each article.

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"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9

AKSENOVICH, G.I.; GAL'PERIN, Ye.I.; ZAYONCHKOVSKIY, M.A.; KULIKOV, S.A.

Recording the moment of explosion in deep seismic prospecting.
Razved. i prom. geofiz. no.23:21-30 '58. (MIRA 11:12)
(Prospecting--Geophysical methods)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9"

AKSENOVICH, G.I.; ARONOV, L.Ye.; GAGEL'GANTS, A.A.; GAL'PERIN, Ye.I.;
ZAYONCHKOVSKIY, M.A.; KOSMINSKAYA, I.P.; KRAKSHINA, R.M.;
VERES, L.F., red. izd-va; TIKHOMIROVA, S.G., tekhn. red.

[Deep seismic sounding in the central part of the Caspian Sea]
Glubinnoe seismicheskoe zondirovanie v tsentral'noi chasti Kas-
piiskogo moria. [By] G.I. Aksenovich i dr. Moskva, Izd-vo Akad.
nauk SSSR, 1962. 150 p. (MIRA 15:8)
(Caspian Sea--Earth--Surface) (Seismology)

YUGOSLAVIA/Chemical Technology, Chemical Products H
and Their Applications. Instruments
and Automation.

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 19743

Author : Aksentijevic, Sima
Inst :

Title : Electric Instruments for the Measuring
and Automatic Registration of Temperature.

Orig Pub : Tehnika, 1958, 13, No 7, Elektrotehnika,
7, No 7, 103-112

Abstract : A description of typical electrical de-
vices for the recording and automatic
registering of temperature is given. --
B. Summ

Card : 1/1

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9

AKSENOVICH, G.I.; SERDIY, B.A.

Some auxiliary devices for seismic stations of the Complex
Seismologic Expedition. Trudy Inst. fiz. Zem. no.25:50-63 '62.
(MIRA 15:11)
(Seismometers)

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9"

VLADIMIROV, Yu.A.; AKSENTSEV, S.L.; OLFNEV, V.I.

Heat and light "induced" phosphorescence of proteins and aromatic
amino acids exposed to ultraviolet irradiation. Biofizika 10
no.4:614-618 '65. (MIRA 18:8)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

AKSENTIJEVIC S

COUNTRY	:	Yugoslavia	H-3
CATEGORY	:		
ABS. JOUR.	:	RZhKhim., No. 20 1959, No. 71746	
AUTHOR	:	<u>Aksentijevic, S.</u>	
INST.	:		
TITLE	:	Automatic Temperature Regulators	
ORIG. PUB.	:	Tehnika, 1958, 13, No 8, Elektrotehnika, 7, No 6, 116-128	
ABSTRACT	:	Description of the basic principles and concepts of automatic regulation. The h-position and pro- portional methods of regulation are considered; various temperature responsive devices: bimetallic thermometers, thermocouples, resistance thermometers, pyrometers, etc.; different systems and designs of temperature regulators: electronic with polarized relay, with magnetic amplifier, photoelectric regulators. I. V. Vol'ter.	
CARD:			

AKSENTIJEVIC, S.

MILITARY & NAVAL SCIENCES

AKSENTIJEVIC, S. Servomechanisms and telecommunications in aeronautics. p. 466
Vol. 15, no. 4, July/Aug. 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass

DORDEVIC, Miodrag, ing.; AKSENTIJEVIC, Sima, ing.

Some modern equipment for the mechanization and increase of labor productivity in construction industry. Produktivnost 3 no.5:349-358 My '61.

1. Industrija "Radoje Dakic", Titograd.

AKSENTIJEVIC, Sima, inz. (29. novembra 89, Beograd)

Modern signaling and safety appliances and automation of railroads. Tehnika Jug 17 no.6:Suppl.: Elektrotehnika 11 no.6:1138-1148,1152a Je '62.

1. Upravnik pogona za signalno-sigurnosne uredaje i elektro-opremu industrije "Radoje Dakić," Titograd.

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9

AKSENTIJEVIC, Sima, inz.

Safety signaling apparatus based on the system of track
pictures of the Ljubljana railroad network. Zeleznice Jug
19 no.8:1-17 Ag '63.

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100720011-9"

ZIVANOVIC, Olivera, dr., sanitetski major; UZELAC, Ozren, sanitetski puk.
doc.; ILIC, Pavle, sanitetski kapetan, dr.; SERTIC, Anica, sanitetski
major, dr. Tehnicki saradnici: MILIC, Mirjana, AKSENTIJEVIC, Vida

Incidence and phageotypes of Staphylococ is pyogenes in burns
and vicinity. Vojnosanit. pregl. 21 no.12:765-770 D'64.

1. Klinika za plasticku hirurgiju, Mikrobioloski institut, Vojno-
medicinska akademija u Beogradu.

ZIVANOVIC, Olivera, sanitetski major dr; STOJADINGURIC, Nada, vojni sluzbenik
V kl. san. sluzbe dr; MILIC, Mirjana, tehnicki saradnik laborant;
AKSENTIJEVIC, Vida, tehnicki saradnik laborant

Results of studies on *Staphylococcus pyogenes* found in the infectious
section of the ward for the burned. (Plastic Surgery Clinic of the
Military Medical Academy. Vojnosanit. pregl. 19 no.6:423-432 Je '62.

1. Vojnomedicinska akademija u Beogradu, higijenski zavod -- Mikrobioloski
institut.

(BURNS) (CROSS INFECTION) (STAPHYLOCOCCAL INFECTIONS)

S

L 28004-66

ACC NR: AP6001432 (A) SOURCE CODE: UR/0094/65/000/010/0035/0039

AUTHOR: Aksenton, I. B. (Engineer)

21

X3

ORG: None

TITLE: Method of determining the service reliability in planning
electric utility systems

SOURCE: Promyshlennaya energetika, no. 10, 1965, 35-39

TOPIC TAGS: electric power transmission, electric network

ABSTRACT: The author discussed the reliability of power systems by analysing the performance of individual circuit elements and by taking into account the statistical data on failures. The reliability of a system element was characterized by the probability of one-year successful operation and by the time needed to locate and eliminate the faults. The failure-proof operation and the repair-time factors were defined and formulated. It was mentioned that the regular annual statistics collect data only on the number of failures but do not give information on the number of circuit elements involved nor on the time needed for repair. The reliability of system circuits was investigated for series, parallel and series-parallel connections. Some particular cases such as the connection in series of transmission lines and underground cables or the

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UDC: 621.311.004.17/.001.24

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ACC NR: AP6001432

parallel operation of transformers, motors and other circuit elements were examined from the point of view of their failure-proof performance. An example of calculating the repair-time factor for power lines was presented. It was concluded that this factor depended very little upon the length of the line. The repair time was also defined for a circuit consisting of two elements connected in parallel. Both elements had the same failure and repair characteristics. The formula obtained was approximately the same as for the power lines. The reliability of a two-element parallel system was investigated for the possible effect if failure should occur in one element. The dependence of the system reliability upon the one-element failure probability was graphically illustrated. As to the reliability of power-using equipment, no reliable statistical data were available. Finally, as an example of calculation of power distribution in a machine-tool plant was presented. Orig. art. has: 3 figures and 18 formulas.

SUB CODE: 09 / SUBM DATE: None / ORIG REF: 010 / OTH REF: 000

Card 2/2 *pls*